

DECLARATION  
AND POWER OF ATTORNEY

COPY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

GLYCOSYLATION ENGINEERING OF ANTIBODIES FOR  
IMPROVING ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on *(if applicable)*
- ☒ was filed in the United States on 20 April 1999 as Application No. 09/294,584 *(for declaration not accompanying application)*
- with amendment(s) filed on *(if applicable)*
- ☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/082,581	April 20, 1998

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), William S. Galliani (Reg. No. 33885), Gary S. Williams (Reg. No. 31066), Mark A. Farley (Reg. No. 33170) and Ann L. Gisolfi (Reg. No. 31956), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO:		PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, N.Y. 10036-2711		DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING (212) 790-9090	
201	FULL NAME OF INVENTOR	LAST NAME UMANA	FIRST NAME PABLO	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY <del>Zürich</del> Manchester P.U.	STATE OR FOREIGN COUNTRY <del>Switzerland</del> United Kingdom P.U.	COUNTRY OF CITIZENSHIP Costa Rica	
	POST OFFICE ADDRESS	STREET <del>Milchbuckstrasse 3</del> Flat 1, 11 Central Road P.U.	CITY <del>Zürich</del> Manchester P.U.	STATE OR COUNTRY <del>Switzerland</del> U.K. P.U.	ZIP CODE <del>CH-8057</del> M204YE P.U.
202	FULL NAME OF INVENTOR	LAST NAME Jean-Mairet	FIRST NAME Joël	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Zürich	STATE OR FOREIGN COUNTRY Switzerland	COUNTRY OF CITIZENSHIP Switzerland	
	POST OFFICE ADDRESS	STREET <del>Birchstrasse 59</del> Scheuchnerstrasse 34 JJM	CITY Zürich	STATE OR COUNTRY Switzerland	ZIP CODE <del>CH-8057</del> 8006 JJM
203	FULL NAME OF INVENTOR	LAST NAME Bailey	FIRST NAME James	MIDDLE NAME E.	
	RESIDENCE & CITIZENSHIP	CITY Zürich	STATE OR FOREIGN COUNTRY Switzerland	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET Winkelwiese 6	CITY Zürich	STATE OR COUNTRY Switzerland	ZIP CODE CH-8001
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 - Pablo Umana	SIGNATURE OF INVENTOR 202 - Joël Jean-Mairet	SIGNATURE OF INVENTOR 203 - James E. Bailey
DATE 25 June 1999	DATE 21 June 1999	DATE 14 June 1999
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

UMANA et al.

Appl. No. 09/294,584

Filed: April 20, 1999

For: **Glycosylation Engineering of  
Antibodies for Improving  
Antibody-Dependent Cellular  
Cytotoxicity**

Art Unit: 1636

Examiner: Sandals, W.

Atty. Docket: 1975.0010001/JMC

**COPY**

**Revocation of Prior Power of Attorney and Appointment of New  
Attorneys of Record and Change of Address**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned inventors, hereby revoke all powers of attorney heretofore given in the above-captioned application and appoint as their attorneys Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; Steven R. Ludwig, Registration No. 36,203; John M. Covert, Registration No. 38,759; and Linda E. Alcorn, Registration No. 39,588, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send all correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

SIGNATURE: \_\_\_\_\_

BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

BY: \_\_\_\_\_